

in 25 mM phosphate buffer (pH=7.0) and the sample ID refers to the TPA analog moiety in the conjugate (See Fig. 2).

B1 Figure 5 depicts, in chart form, comparative electrochemiluminescent assay results generated utilizing on the one hand free label and unconjugated TPA coreactant, and on the other hand a label/TPA coreactant conjugate. In particular, this is a comparison of the ECL assay results between uni- and bimolecular system. In the bimolecular system. 2.5 μ M free tag was mixed with 2.5, 12.5, 25, 62.5, 125, 250 and 500 μ M TPA, respectively. 2.5 μ M TPA-tag conjugate (No. 3) was used for the unimolecular reagent.

REMARKS

In the Notice To File Corrected Application Papers, it was stated that substitute drawings were needed because the drawing sheets did not have appropriate margins and contained excessive text. In response, Applicants hereby submit revised formal drawings representing Figures 1-5 with proper margins and reduced text.


Applicants note that original Figures 3-5 contained text which had been deleted in the formal drawings to conform to 37 C.F.R. § 1.84. These text provided important details of the experimental parameters used to generate the charts in these Figures. Thus, as these text were part of the original specification and drawings filed, they were moved from the Figures themselves to the text of the specification section entitled "BRIEF DESCRIPTION OF THE DRAWINGS" to preserve the clarity of those Figures.

No new matter was added.

CONCLUSION

In view of the foregoing remarks and amendments, Applicants respectfully request entry of this Second Preliminary Amendment. Allowance of pending claims 3-4 and 7-22, as amended in the Preliminary Amendment filed March 16, 2001 remains earnestly solicited.

If there are any issues which would remain to prevent this application from proceeding to allowance, the Examiner is respectfully requested to contact the Applicants' undersigned attorney to discuss the matter.

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